Amendment to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-20. Cancelled (without disclaimer or prejudice.)

21. (New) A receiver device comprising:

a) at least two receiving elements for receiving radio signals through at least two respective different receiving paths;

b) combination circuit means for combining signals received through said at least two different receiving paths by allocating an individual narrowband carrier to each received signal; and

c) common receiver means for processing said combined signals in a common multi-carrier path.

22. (New) A device according to claim 21, wherein said receiving elements are sector antennas for receiving signals only from respective predetermined angular sectors.

23. (New) A device according to claim 21, comprising at least two diverse receiving elements for providing at least two respective diverse receiving paths; diverse combining means for combining said diverse receiving paths; and common diverse receiving means for processing signals received through said combined diverse receiving paths in a common diverse multi-carrier path.

24. (New) A device according to claim 22, comprising at least two diverse receiving elements for providing at least two respective diverse receiving paths; diverse combining means for combining said diverse receiving paths; and common diverse receiving means for processing signals received through said combined diverse receiving paths in a common diverse multi-carrier path.

25. (New) A device according to claim 23, wherein said diverse receiving elements are sector antennas of a diverse antenna arrangement, said sector antennas being adapted for receiving only from respective predetermined angular sectors.

26. (New) A device according to claim 24, wherein said diverse receiving elements are sector antennas of a diverse antenna arrangement, said sector antennas being adapted for receiving only from respective predetermined angular sectors.

27. (New) A device according to claim 22, wherein said predetermined angular section covers approximately 120 degrees.

28. (New) A device according to claim 23, wherein said predetermined angular section covers approximately 120 degrees.

29. (New) A device according to claim 24, wherein said predetermined angular section covers approximately 120 degrees.

30. (New) A device according to claim 25, wherein said predetermined angular section covers approximately 120 degrees.

31. (New) A device according to claim 26, wherein said predetermined angular section covers approximately 120 degrees.

32. (New) A device according to claim 21, wherein said receiver device comprises a base transceiver station.

33. (New) A device according to claim 22, wherein said receiver device comprises a base transceiver station.

34. (New) A device according to claim 23, wherein said receiver device comprises a base transceiver station.

35. (New) A device according to claim 24, wherein said receiver device comprises a base transceiver station.

36. (New) A device according to claim 25, wherein said receiver device comprises a base transceiver station.

37. (New) A device according to claim 26, wherein said receiver device comprises a base transceiver station.

38. (New) A device according to claim 27, wherein said receiver device comprises a base transceiver station.

39. (New) A device according to claim 28, wherein said receiver device comprises a base transceiver station.

40. (New) A device according to claim 29, wherein said receiver device comprises a base transceiver station.

41. (New) A device according to claim 30, wherein said receiver device comprises a base transceiver station.

42. (New) A device according to claim 31, wherein said receiver device comprises a base transceiver station.

43. (New) A device according to claim 21, wherein each of said combined signals comprises a plurality of channel signals.

44. (New) A device according to claim 22, wherein each of said combined signals comprises a plurality of channel signals.

45. (New) A device according to claim 23, wherein each of said combined signals comprises a plurality of channel signals.

46. (New) A device according to claim 24, wherein each of said combined signals comprises a plurality of channel signals.

47. (New) A device according to claim 25, wherein each of said combined signals comprises a plurality of channel signals.

48. (New) A device according to claim 26, wherein each of said combined signals comprises a plurality of channel signals.

49. (New) A device according to claim 27, wherein each of said combined signals comprises a plurality of channel signals.

50. (New) A device according to claim 28, wherein each of said combined signals comprises a plurality of channel signals.

51. (New) A device according to claim 29, wherein each of said combined signals comprises a plurality of channel signals.

52. (New) A device according to claim 30, wherein each of said combined signals comprises a plurality of channel signals.

53. (New) A device according to claim 31, wherein each of said combined signals comprises a plurality of channel signals.

54. (New) A device according to claim 32, wherein each of said combined signals comprises a plurality of channel signals.

55. (New) A device according to claim 33, wherein each of said combined signals comprises a plurality of channel signals.

56. (New) A device according to claim 34, wherein each of said combined signals comprises a plurality of channel signals.

57. (New) A device according to claim 35, wherein each of said combined signals comprises a plurality of channel signals.

58. (New) A device according to claim 36, wherein each of said combined signals comprises a plurality of channel signals.

59. (New) A device according to claim 37, wherein each of said combined signals comprises a plurality of channel signals.

60. (New) A device according to claim 38, wherein each of said combined signals comprises a plurality of channel signals.

61. (New) A device according to claim 39, wherein each of said combined signals comprises a plurality of channel signals.

62. (New) A device according to claim 40, wherein each of said combined signals comprises a plurality of channel signals.

63. (New) A device according to claim 41, wherein each of said combined signals comprises a plurality of channel signals.

64. (New) A device according to claim 42, wherein each of said combined signals comprises a plurality of channel signals.

65. (New) A device according to claim 43, wherein said combining means is adapted to generate a multi-carrier signal by allocating different carriers to said channel signals of said combined signals.

66. (New) A device according to claim 43, wherein said common receiver means comprises baseband channelizing means for generating channelized data from each of said channel signals.

67. (New) A device according to claim 65, wherein said common receiver means comprises baseband channelizing means for generating channelized data from each of said channel signals.

68. (New) A method of receiving a radio signal, said method comprising the steps of:

a) receiving radio signals through at least two respective different receiving paths;

b) combining signals received through said at least two different receiving paths by allocating an individual narrowband carrier to each received signal; and

c) processing said combined signals in a common multi-carrier path.

69. (New) A method according to claim 68 comprising:

allocating a carrier of said common multi-carrier path to each channel signal provided in said combined signals.

70. (New) A method according to claim 68, wherein said received radio signal is an EDGE signal received via a wideband receiver.

71. (New) A method according to claim 69, wherein said received radio signal is an EDGE signal received via a wideband receiver.

72. (New) A method according to claim 68, wherein handover of signals from or to different sectors is performed by using a common receiver and processing.

73. (New) A method according to claim 69, wherein handover of signals from or to different sectors is performed by using a common receiver and processing.

74. (New) A method according to claim 70, wherein handover of signals from or to different sectors is performed by using a common receiver and processing.

75. (New) A method according to claim 71, wherein handover of signals from or to different sectors is performed by using a common receiver and processing.